ABSTRACT OF THE DISCLOSURE

An automated voice pattern filtering method implemented in a system having a client side and a server side is disclosed. At the client side, a speech signal is transformed into a first set of spectral parameters which are encoded into a set of spectral shapes that are compared to a second set of spectral parameters corresponding to one or more keywords. From the comparison, the client side determines if the speech signal is acceptable. If so, spectral information indicating a difference in a voice pattern between the speech signal and the keyword(s) is encoded and utilized as a basis to generate a voice pattern filter.